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data structure and data transmission method

[Advanced Scholar Search](#)Scholar [Articles and patents] [Results](#)**Data compression using adaptive coding and partial string matching**

J Cleary, I Witten - Communications, IEEE Transactions on, 2002 - ieeexplore.ieee.org

... The **structure** of this paper is as follows. ... Page 2. CLEARY AND WITTEN: DATA COMPRESSION 397 ... Adaptive **Transmission** of the Model Arithmetic coding commonly uses fixed probabilities, contingent on the current context, which are derived from statistical analysis of text. ...

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Method and apparatus for dynamic image data transmission

M Shinoda - US Patent 5,680,322, 1997 - Google Patents

... When dynamic image signals are compression-coded A fourth aspect of the present invention is directed to an using a coding **method** in which an error occurring in a ... 7 is a block diagram showing the **structure** of the accumulated, therefore **data transmission** with small error ...

Cited by 26 - Related articles - All 2 versions

Block coding scheme for reduction of peak to mean envelope power ratio of multicarrier transmission schemes

AE Jones, TA Wilkinson, ... - Electronics Letters, 2002 - ieeexplore.ieee.org

... BINGHAM, IA c.: 'Multicarrier modulation for **data transmission**: an idea whose time has come ...We show that the performance of this **structure** is superior to conventional schemes under ...Introduction: In digital cellular systems, the **transmission** performance is severely distorted by ...

Cited by 416 - Related articles - BL Direct - All 3 versions

Method and apparatus for controlling access in a data transmission system

AU Kulczyckyj, ... - US Patent 4,484,306, 1984 - Google Patents

... A detailed description of the **structure** and operation of 45 the modems 20 and 22 is readily ... It will also be appreciated by those skilled in the art that any other suitable **transmission** means may ...In a typical prior art **data processing** system, the host computer 14 is connected to the ...

Cited by 52 - Related articles - All 2 versions

Method for automatic initiation of data transmission

B Petersen, DR Brown, ... - US Patent 5,732,094, 1998 - Google Patents

... 7/1989 Gulick et al 370/94 includes logic for initiating **transmission** of the ... naDfss=tC12121 63 RecieveDna 67 TransnIIcDna Au'tonomous Access Address Bus Structure FIG.-4A ... 13 base address 0x0 OxcOO 0x2000 0x7800 0x7cOO 0x7dOO 0x7eOO Transnit **Data Buffer** Transnit ...

Cited by 36 - Related articles - All 2 versions

Space-time codes for high data rate wireless communication: Performance criterion and code construction

V Tarokh, N Seshadri, ... - IEEE transactions on ..., 1998 - ieeexplore.ieee.org

... Diversity: The fact that waves transmitted on different frequencies induce different multipath **structure** in the ... We shall derive a design criterion for constructing codes under this **transmission** scenario. ... We thus only allow coding inside a frame of **data** as coding across different ...

Cited by 5015 - Related articles - BL Direct - All 43 versions

Apparatus and method for digital data transmission over video cable using orthogonal cyclic

SS Rakib, ... - US Patent 5,793,759, 1998 - Google Patents

... 11, 1998 [54] APPARATUS AND METHOD FOR DIGITAL DATA TRANSMISSION OVER VIDEO

CABLE USING ORTHOGONAL CYCLIC CODES [75] Inventors: Selim Shlomo Rakib; Yehuda Azenkot, both of Cupertino, Calif. [73] Assignee: Terayon Corporation. ...
Cited by 68 - Related articles - All 2 versions

Data transmission over a time division duplex channel

R Shepherd, FCG Owen, ... - US Patent 5,117,423, 1992 - Google Patents
... DIVISION DUPLEX CHANNEL FIELD OF THE INVENTION The present invention relates to **data transmission** over a ... example of a digital cordless tele- phone system and the channel and message structure. ... wideband landline link 10,11,12 and 13, capable of carrying **data** at a ...

Cited by 55 - Related articles - All 2 versions

[CITATION] Estimates of error rates for codes on burst-noise channels

EO Elliott - Bell Syst. Tech. J, 1963

Cited by 625 - Related articles

Self-describing object providing dynamic manipulation of heterogeneous **data** values and semantic identity between memory and **transmission** representations

LM Dyer, ... - US Patent 5,754,849, 1998 - Google Patents
... The **transmission** medium may be any conventional **transmission** substrate, such as wire, fiber optics, an infrared signal, a wireless signal, or ... the memory representation of this second instance of the value object 104 is identical in semantic **structure** to the **data** stream 112 ...

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